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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application )

Applicant: Sato et al. )

Cont. of: PCT/JP99/05568 )

Filed: October 8, 1999 )

For: MAGNETIC SENSOR, )  
MAGNETIC HEAD, )  
MAGNETIC ENCODER AND )  
HARD DISK DEVICE )

Art Unit: )

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PRELIMINARY AMENDMENT

Box Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Prior to examination of this application, please amend the application as  
follows:

IN THE CLAIMS:

Please amend claims 5, 6, 10, 11 and 12-17 as follows:

5. (Once Amended) A magnetic head comprising the magnetic sensor  
according to [any one of claims] claim 1 [to], 4 or 2.